

SECTION IV.—RIVERS AND FLOODS.

RIVERS AND FLOODS, AUGUST, 1918.

By ALFRED J. HENRY, METEOROLOGIST, IN CHARGE.

Dated: River and Flood Division, Weather Bureau, Sept. 30, 1918.]

Heavy rains during the first week of August caused moderate floods in the Santee, Saluda, and Edisto Rivers of South Carolina and in the Broad River of Georgia. Elsewhere in the United States flood stages were not reached during the month.

The only losses sustained were confined to the Santee and Congaree basins and are estimated as follows: Prospective crops, \$3,000; live stock, \$850; and suspension of business, \$150.

Owing to timely warnings, live stock valued at \$36,000 were driven from the flooded districts.

TABLE 1.—Flood stages in the Atlantic drainage during August, 1918.

River and station.	Flood stage.	Above flood stages—dates.		Crest.	
		From—	To—	Stage.	Date.
Santee:	<i>Feet.</i>			<i>Feet.</i>	
Rimini, S. C.	12	3	9	13.4	7
Fergusson, S. C.	12	4	10	12.9	8-9
Saluda:					
Felzer, S. C.	7			6.0	2
Chappells, S. C.	14	3	4	17.0	4
Edisto:					
Edisto, S. C.	6			5.2	6-7
Broad:					
Carlton, Ga.	11	3	3	12.0	3

MEAN LAKE LEVELS DURING AUGUST, 1918.

By UNITED STATES LAKE SURVEY.

[Dated: Detroit, Mich., Sept. 5, 1918.]

The following data are reported in the "Notice to Mariners" of the above date:

Data.	Lakes. ¹			
	Superior.	Michigan and Huron.	Erie.	Ontario.
Mean level during August, 1918:	<i>Feet.</i>	<i>Feet.</i>	<i>Feet.</i>	<i>Feet.</i>
Above mean sea level at New York.....	602.42	581.79	572.64	246.43
Above or below—				
Mean stage of July, 1918.....	+0.16	—0.13	+0.06	—0.42
Mean stage of August, 1917.....	—0.27	—0.01	—0.93	—0.92
Average stage for August, last 10 years.....	—0.20	+0.95	—0.04	—0.22
Highest recorded August stage.....	—1.51	—1.72	—1.47	—1.83
Lowest recorded August stage.....	+0.82	+1.94	+1.26	+2.08
Average relation of the August level to—				
July level.....	+0.3	±0.0	—0.2	—0.3
September level.....	+0.4	+0.2	+0.3	+0.4

¹ Lake St. Clair's level, in August, 575.93 feet.